

PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference 10072PCT	FOR FURTHER ACTION see Form PCT/ISA/220 as well as, where applicable, Item 5 below.	
International application No. PCT/GB2005/000761	International filing date (day/month/year) 28/02/2005	(Earliest) Priority Date (day/month/year) 26/02/2004
Applicant ZINETEC LTD		

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 7 sheets.

☒ It is also accompanied by a copy of each prior art document cited in this report.

1. Basis of the report

a. With regard to the language, the International search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

☐ The international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

b. ☐ With regard to any nucleotide and/or amino acid sequence disclosed in the international application, see Box No. I.

2. ☒ Certain claims were found unsearchable (See Box II).

3. ☒ Unity of invention is lacking (see Box III).

4. With regard to the title,

☒ the text is approved as submitted by the applicant.

☐ the text has been established by this Authority to read as follows:

5. With regard to the abstract,

☒ the text is approved as submitted by the applicant.

☐ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. With regard to the drawings,

a. the figure of the drawings to be published with the abstract is Figure No. 1

☒ as suggested by the applicant.

☐ as selected by this Authority, because the applicant failed to suggest a figure.

☐ as selected by this Authority, because this figure better characterizes the invention.

b. ☐ none of the figures is to be published with the abstract.

BEST AVAILABLE COPY

INTERNATIONAL SEARCH REPORT

International Application No
PCT/GB2005/000761A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 A23L3/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 A23L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)
EPO-Internal, WPI Data, PAJ, FSTA

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 96/11592 A (CARNAUDMETALBOX PLC; CARNAUDMETALBOX S.A; CARNAUDMETALBOX N.V; CARNAUD) 25 April 1996 (1996-04-25) cited in the application the whole document	1-19
A	PATENT ABSTRACTS OF JAPAN vol. 015, no. 377 (C-0870), 24 September 1991 (1991-09-24) & JP 03 151862 A (TOYO SEIKAN KAISHA LTD), 28 June 1991 (1991-06-28) abstract	1-19
X	US 3 020 825 A (SCHMIDT JOHN) 13 February 1962 (1962-02-13) column 6, line 3 - line 8 column 8, line 29 - line 35	20-24



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the International filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the International filing date but later than the priority date claimed

T later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

G document member of the same patent family

Date of the actual completion of the International search

9 September 2005

Date of mailing of the International search report

22 09. 2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax. (+31-70) 340-3016

Authorized officer

Vernier, F

BEST AVAILABLE COPY

INTERNATIONAL SEARCH REPORT

International Application No

PCT/GB2005/000761

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	GB 481 584 A (FREDERICK WILLIAM SALISBURY-JONES; ROBERT NISBET) 7 March 1938 (1938-03-07) page 3, line 44 - line 78 -----	20-24
X	US 2 278 434 A (FAHEY FRANCIS A) 7 April 1942 (1942-04-07) column 5, line 32 - line 58 -----	20-24

BEST AVAILABLE COPY

INTERNATIONAL SEARCH REPORT

International application No.
PCT/GB2005/000761**Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)**

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:
2. ☒ Claims Nos.:
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
see FURTHER INFORMATION sheet PCT/ISA/210
3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box III Observations where unity of invention is lacking (Continuation of Item 3 of first sheet)

This International Searching Authority found multiple inventions in this International application, as follows:

see additional sheet

1. ☒ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☒ No protest accompanied the payment of additional search fees.

90/590614

IAP9 Rec'd PCT/PTO 25 AUG 2006

International Application No. PCT/GB2005 /000761

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

Continuation of Box II.2

Claims Nos.: -

The subject-matter of present claims 20-24 relates to an apparatus which is defined in terms of a result to be achieved (with respect to the height of the projections) and in such broad and unspecific terms that it lacks clarity in the sense of Article 6 PCT. Thus, the search has been restricted to what appear to be supported in the present description, namely an retort in which studs are used to control the location of cans.

The applicant's attention is drawn to the fact that claims relating to inventions in respect of which no international search report has been established need not be the subject of an international preliminary examination (Rule 66.1(e) PCT). The applicant is advised that the EPO policy when acting as an International Preliminary Examining Authority is normally not to carry out a preliminary examination on matter which has not been searched. This is the case irrespective of whether or not the claims are amended following receipt of the search report or during any Chapter II procedure. If the application proceeds into the regional phase before the EPO, the applicant is reminded that a search may be carried out during examination before the EPO (see EPO Guideline C-VI, 8.5), should the problems which led to the Article 17(2) declaration be overcome.

BEST AVAILABLE COPY

International Application No. PCT/GB2005 /000761

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-19

Apparatus for heating products, comprising a retort and shielding means to prevent coolant from damaging the retort; shielding apparatus; method of protecting a retort using a shielding apparatus.

2. claims: 20-24

Apparatus for locating within a retort a plurality of cylindrical objects

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/GB2005/000761

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 9611592	A	25-04-1996	AT 180144 T	15-06-1999
			AU 3615495 A	06-05-1996
			DE 69509799 D1	24-06-1999
			DE 69509799 T2	18-11-1999
			DK 804095 T3	22-11-1999
			EP 0804095 A1	05-11-1997
			WO 9611592 A1	25-04-1996
			US 5857312 A	12-01-1999
JP 03151862	A	28-06-1991	JP 2062639 C	24-06-1996
			JP 7095935 B	18-10-1995
US 3020825	A	13-02-1962	NONE	
GB 481584	A	07-03-1938	NONE	
US 2278434	A	07-04-1942	NONE	